

Title (en)
Measuring instrument

Title (de)
Messinstrument

Title (fr)
Instrument de mesure

Publication
EP 2056062 A1 20090506 (EN)

Application
EP 08018966 A 20081030

Priority
JP 2007287563 A 20071105

Abstract (en)
A measuring instrument includes a detector that outputs a measured value, a digital display unit, an analog display unit having a plurality of display segments, and a display controller. The display controller includes: a tolerance range display unit that lights or blinks display segments corresponding to a preset tolerance range relative to a preset value; a first determiner that obtains a difference between the preset value and a present measured value and determines whether the difference is within an analog display range wider than the tolerance range; a difference display unit that lights a display segment corresponding to the last one or the last two digits of the present measured value when the first determiner determines that the difference is within the analog display range; a second determiner that determines whether the difference is within the tolerance range; and an acceptance or rejection display unit that displays a result determined by the second determiner.

IPC 8 full level
G01B 3/20 (2006.01)

CPC (source: EP US)
G01B 3/205 (2013.01 - EP US)

Citation (applicant)
JP H06288701 A 19941018 - MITUTOYO CORP

Citation (search report)
• [A] EP 0031716 A1 19810708 - FEDERAL PROD CORP [US]
• [AD] JP H06288701 A 19941018 - MITUTOYO CORP
• [A] EP 1022539 A2 20000726 - MITUTOYO CORP [JP]

Cited by
CN107677173A

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DE FR GB

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2056062 A1 20090506; EP 2056062 B1 20100505; CN 101430182 A 20090513; CN 101430182 B 20120516;
DE 602008001148 D1 20100617; JP 2009115552 A 20090528; JP 5128244 B2 20130123; US 2009113734 A1 20090507;
US 7721455 B2 20100525

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